

Title (en)
STERILIZATION CONTAINER WITH BATTERY POWERED SENSOR MODULE FOR MONITORING THE ENVIRONMENT IN THE CONTAINER

Title (de)
STERILISATIONSBEHÄLTER MIT BATTERIEBETRIEBENEM SENSORMODUL ZUR ÜBERWACHUNG DER UMGEBUNG IN EINEM BEHÄLTER

Title (fr)
RÉCIPIENT DE STÉRILISATION ÉQUIPÉ D'UN MODULE DE CAPTEUR ALIMENTÉ PAR UNE BATTERIE PERMETTANT DE SURVEILLER LE MILIEU PRÉSENT DANS LE RÉCIPIENT

Publication
EP 3116550 A1 20170118 (EN)

Application
EP 15710408 A 20150310

Priority
• US 201461951178 P 20140311
• US 2015019724 W 20150310

Abstract (en)
[origin: WO2015138461A1] A sterilization container (60) with a sensor module for monitoring the environmental characteristics internal to the container. The sensor module includes a normally closed end bore. A sensor is disposed in the closed end void space. Other sensors also part of the module monitor the pressure and temperature of the environment inside the container. Based on the measurements of the environment in the container and the environment within the closed end void space it is possible to determine the extent to which the container is filled with saturated steam.

IPC 8 full level
A61L 2/07 (2006.01); **A61L 2/28** (2006.01); **G01K 1/02** (2006.01); **G01L 19/00** (2006.01); **G01N 25/18** (2006.01)

CPC (source: CN EP US)
A61L 2/07 (2013.01 - EP US); **A61L 2/208** (2013.01 - CN); **A61L 2/28** (2013.01 - EP US); **G01K 1/026** (2013.01 - EP US); **G01K 7/22** (2013.01 - EP US); **G01L 9/0072** (2013.01 - EP US); **G01L 19/0092** (2013.01 - EP US); **G01N 21/33** (2013.01 - US); **G01N 21/3504** (2013.01 - US); **A61L 2202/14** (2013.01 - CN EP US); **A61L 2202/24** (2013.01 - CN US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015138461 A1 20150917; AU 2015229592 A1 20160929; AU 2015229592 B2 20190314; AU 2019204183 A1 20190704; AU 2019204183 B2 20201126; AU 2021201140 A1 20210311; AU 2023200793 A1 20230309; CA 2942018 A1 20150917; CA 2942018 C 20230307; CA 3192140 A1 20150917; CN 106456814 A 20170222; CN 106456814 B 20200721; CN 111714669 A 20200929; CN 111714669 B 20220607; CN 114796539 A 20220729; EP 3116550 A1 20170118; JP 2017509400 A 20170406; JP 2020078566 A 20200528; JP 2022084610 A 20220607; JP 2024009832 A 20240123; JP 6650880 B2 20200219; JP 7360488 B2 20231012; US 10583214 B2 20200310; US 12016966 B2 20240625; US 2017000919 A1 20170105; US 2020179551 A1 20200611

DOCDB simple family (application)
US 2015019724 W 20150310; AU 2015229592 A 20150310; AU 2019204183 A 20190614; AU 2021201140 A 20210222; AU 2023200793 A 20230213; CA 2942018 A 20150310; CA 3192140 A 20150310; CN 201580024435 A 20150310; CN 202010575608 A 20150310; CN 202210601808 A 20150310; EP 15710408 A 20150310; JP 2016556894 A 20150310; JP 2020006480 A 20200120; JP 2022025434 A 20220222; JP 2023167668 A 20230928; US 201615259213 A 20160908; US 202016791422 A 20200214